OFFICE OF RESEARCH INNOVATION & COMMERCIALIZATION (ORIC) UNIVERSITY OF THE PUNJAB



Dated: 21/10/20

Ref. No.: D / 1974 / ORIC

2nd NOTIFICATION

In continuation of Office Notification No. D / 1924 / ORIC, dated: 19.09.2024, the undersigned is pleased to inform the faculty members / PIs that with the permission of the Worthy Vice-Chancellor, University of the Punjab, Lahore awarded the Research Projects for the fiscal year 2024-25 (list attached) Note:

- **PPRA** rules shall be followed for all procurements. iv.
- The payment against the Research Projects shall be released by the office of the Treasurer through claims v. submitted to the Treasurer Office must be supported by proper bills / documents.
- No advance payments will be made by the Treasurer, for completion of Research Projects for all the approved vi. Research Projects Fiscal Year 2024-2025.

Sd/-(Prof. Dr. Shakil Ahmad) Director ORIC / Secretary Committee for Evaluation of Research Projects

Copy of the above is forwarded to the following for information and necessary action: -

- 01. Dean, Faculty of Information & Media Studies
- 02. Dean, Faculty of Chemical & Materials Engg.
- 03. Dean, Faculty of Agricultural Sciences
- 04. Dean, Faculty Arts & Humanities
- 05. Dean, Faculty of Behavioral & Social Sciences
- 06. Dean, Faculty of Business Economics & Administrative Sciences
- 07. Dean, Faculty of Commerce
- 08. Dean, Faculty of Health Sciences
- 09. Dean, Faculty of Oriental Learning
- 10. Dean, Faculty of Computing & Information Technology
- 11. Dean, Faculty of Education
- 12. Dean, Faculty of Electrical, Energy & Environmental Engineering
- 13. Dean, Faculty of Sciences
- 14. Dean, Faculty of GEO Sciences
- 15. Dean, Faculty of Islamic Studies
- 16. Dean, Faculty of Law
- 17. Dean, Faculty of Life Sciences
- 18. Dean, Faculty of Pharmacy
- 19. Dean, Faculty of Quality & Industrial System Engineering
- 20. Convener, Committee for Evaluation of Research Projects, PU
- 21. Chairperson, DPCC
- 22. Treasurer
- 23. Resident Auditor
- 24. Secretary to Vice-Chancellor
- 25. Secretary to Pro-Vice Chancellor
- 26. Private Secretary to Registrar
- 27. Office Record (ORIC)

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Prof. Dr. Shakil Ahmad) Director ORIC / Secretary Committee for Evaluation of Research Projects

Sr. No.	Name of PI	Designation	Title of Research Proposal	Approved Amount	
			FACULTY OF ARTS & HUMANITIES		
	Department of Gra	phic Design, (CAD)		
1.	Dr. Ahmad Bilal	Professor	Filmmaking to Gaming ; 100 years of Creativity in Lahore	Rs.300,000/-	
	Department of Architecture				
2.	Dr. Khalifa Ahmed Muiz	Assistant Professor	Analytical study of development of Lahore during Colonial period and its Impact on the culture of Pakistan	Rs.200,000/-	
	Department of Archee	ology			
3.	Ms. Saira Ramzan	Lecturer	Discovering Shanisha: Contributions to Archaeology and History	Rs.200,000/	
	Institute of English Stu	dies			
4.	Dr. Amna Umer Cheema	Associate Professor	Integrating medical humanities in undergraduate humanities programmes in Pakistan: An interdisciplinary exploration	Rs.250,000/	
		FACUL	TY OF BEHAVIORAL AND SOCIAL SCIENCES		
	Institute of Social a	nd Cultural St	tudies		
5.	Dr. Ahmed Usman	Professor	Crafting Injustice: Understanding Social Identities as Instruments of Oppression within the Caste Hierarchy of Rural Punjab	Rs.300,000/	
6.	Dr. Farhan Navid Yousaf	Professor	Lived Experiences of Child Survivors of Human Trafficking in Punjab, Pakistan	Rs.300,000/	
7.	Dr. Akhlaq Ahmed Dr. Muhammad	Associate Professor	Screen time and young children: educated parents' experiences of risks and mitigation Trauma Exposure, emotional distress, social support and religious coping	Rs.250,000/	
8.	Siddique Akbar	Assistant Professor	among flood victims in Punjab - Pakistan: A quantitative investigation	Rs.200,000/	
9.	Dr. Muhammad Ramzan	Assistant Professor	A Quantitative Analysis of the Crimes Associated with Beggary in Urban Lahore	Rs.200,000/	
10.	Dr. Fouzia Sadaf	Assistant Professor (Adhoc)	Political vs. Scholarly Networks: A Contextual Understanding of Workplace networks in Shaping Career Trajectories of Pakistani Female Academics	Rs.200,000/	
11.	Dr. Rahala Rahat	Assistant Professor	Gaslighting as a Multifaceted tool of Oppression: Investigating the Experiences of Young Female Live-In Domestic Workers in Lahore	Rs.200,000/	
	Department of Pub	lic Health			
12.	Dr. Muhammad Navid Tahir	Assistant Professor	Traffic lane and road rules compliance among motorcyclists in Lahore: An Observational Survey	Rs.200,000/	
	Department of Gen	1			
13.	Dr. Ambreen Salahuddin	Assistant Professor	Urban spaces and occupational vulnerability of women vendors in weekly bazaars of Lahore	Rs.200,000/	
	Institute of Applied	Psychology			
14.	Dr. Fatima Kamran	Associate Professor,	Living With A Chronic Disease: A study of Patients' Life Transitions With Renal Conditions	Rs.250,000/	
15.	Dr. Afifa Anjum	Associate Professor, Associate	Role of Character Strengths Training in Alleviation Behavioral Problems in Adolescents and Young Adults Nexus of Optimal Functioning, Self-Transcendence Spirituality and	Rs.250,000/	
16.	Dr. Afsheen Masood	Professor	Psychological Well-Being in Individuals Without Sensory Impairment	Rs.250,000/	
17.	Mr. Faiz Younas	Lecturer,	Lived Experiences of Young Adults With Zikri Identity	Rs.200,000/	
	FAC	ULTY OF BU	SINESS, ECONOMICS AND ADMINISTRATIVE SCIENCES		
	School of Economic	s			
18.	Dr. Muhammad Azmat Hayat	Professor	The Erosion of financial well-being: Analyzing the Impact of Inflation on Life-Satisfaction	Rs.300,000/	
19.	Dr. Asma Awan	Assistant Professor	Reviewing government (Artificial Intelligence) readiness index and unveiling effects of AI on economic growth: An Intern-Regional approach	Rs.200,000/	
20.	Dr. Atif Khan Jadoon	Assistant Professor	From awareness to action: the role of green awareness in driving consumption: A case study of Lahore	Rs.200,000/	
21.	Dr. Ambreen Sarwar	Assistant Professor Assistant	Assessing the Impact of Fiscal Decentralizations on the efficiency of healthcare outcomes: Empirical evidence from Punjab Pakistan	Rs.200,000/	
22.	Dr. Hafiz Ghulam Mujadad	Professor (Adhoc)	Opportunity differential in early childhood development in Punjab, Pakistan: The Role of stunting	Rs.200,000/	
	Institute of Administr	ative Sciences			
23.	Dr. Sidra Irfan	Associate Professor	Attitude of public officials towards open government	Rs.250,000/-	

24.	Dr. Tayyeb Ali	Assistant Professor	The role of international organizations in Higher Education Policy of Pakistan	Rs.200,000
	Institute of Busines			
	Dr. Rizwan Qaiser	Associate	Role of Career Traumas and Career Resources on the Sustainable	D 250 000
25.	Danish	Professor	Organization Performance of Service Sector of Pakistan	Rs.250,000
		FACULT	TY OF CHEMICAL & MATERIAL ENGINEERING	
	Institute of Polymer &	& Textile Engine	eering	
26.	Dr. Sidra Saleemi	Assistant Professor	Advancements in ocular drug delivery: Development of Gel-forming eyes drops and contact lenses for enhanced therapeutic efficacy	Rs.200,000
	Institute of Metallurg	y & Materials E	Ingineering	
27.	Dr. Muhammad Umar Manzoor	Associate Professor	The Development of Glass Fiber Reinforced Concrete Tile as Potential Green Replacement for Sintered Ceramic Tiles	Rs.250,000
28.	Dr. Waseem Amin	Assistant Professor	Fabrication of aluminum matrix composites using friction stir processing	Rs.200,000
		110103301	FACULTY OF COMMERCE	
	Department of Comme	naa Cuinanwala		
	Department of Comme	rce, Gujranwala	The impact of proactive personality on peer's ostracism with the mediation	
29.	Dr. Bilal Ghaffar	Lecturer	of envy and peer's feeling of relatives deprivation and moderation of pro- self-motive	Rs.200,000
		FACULTY	OF COMPUTING & INFORMATION TECHNOLOGY	
	Department of Con	nputer Science	2	
30.	Dr. Muhammad	Associate	Human activity recognition using smartwatch sensory data	Rs.250,000
	Shahid Farid Dr. Muhammad	Professor Assistant		,
31.	Hassan Khan	Professor,	Data augmentation on multimodal time series sensory data	Rs.200,000
32.	Dr. Fatima Sabir	Assistant Professor Assistant	A Recommendation system for the improvement of Bio-Informatics APIs	Rs.200,000
33.	Dr. Irfana Bibi	Professor (TTS)	AI-based food recommender system to enhance dietary choices	Rs.200,000
	Department of Info	rmation Tech	nology	
34.	Dr. Waqar ul Qounain	Professor	Unsupervised image alignment for vehicle change detection	Rs.300,000
35.	Dr. Muhammad Adeel Nisar	Assistant Professor	Predicting non-invasive interstitial glucose using engineering digital biomarkers and machine learning	Rs.200,000
36.	Dr. Zara Nasar	Assistant Professor	Fine-grained namely entity recognition from Lahore High Court proceedings	Rs.200,000
	Department of Sof	ftware Engine		
37.	Dr. Shuja ur Rehman Baig	Assistant Professor	The Impact of explainable AI on decision-making in financial fraud detection	Rs.200,000
38.	Sanam Ahmed	Assistant Professor	Evaluating the role of LLMS in review to process element mapping identifications	Rs.200,000
	Department of Da		Enhanced automated COVID discussion from short X rays using	
39.	Dr. Faisal Bukhari	Associate Professor	Enhanced automated COVID diagnosis from chest X-rays using convolutional neural networks and transfer learning	Rs.250,000
40.	Mr. Tariq Mahmood	Assistant Professor	Federated learning model for coronary artery disease	Rs.200,000
	Butt Department of IT,			
41.	Dr. Naveed Ahmad Khan Jhamat	Associate Professor	A Context-aware Recommender System for Music	Rs.250,000
42.	Dr. Ghulam Mustafa	Assistant Professor	A Knowledge-based recommender system for music	Rs.200,000
43.	Dr. Salman Naseer	Assistant Professor	Vehicle assisted data dissemination framework	Rs.200,000
44.	Muhammad Burhan	Lecturer	A reliable packet forwarding strategy for internet flooding mitigation and collision avoidance in vehicular named data networks (V-NDN)	Rs.200,000
	·		FACULTY OF SCIENCES	
	Center for High En	ergy Physics		
45.	Dr. Faisal Akram	Associate Professor	All-particle energy spectrum of cosmic ray using LHAASO-WCDA	Rs.250,000
46.	Dr. Sohail Afzal Tahir,	Assistant Professor	To create low cast training for students with learning on Arduino and Rasbari Pi projects to implement for Robotics interfacing with electronics and programming	Rs.200,000

47.				1			
	Dr. Tariq Mahmood	Assistant Professor	Comparative study of long short-term memory (LSTM) and quantum long short-term memory (QLSTM): prediction of stock market movement	Rs.200,000/-			
48.	Dr. Bushra Shafaq	Assistant Professor	Using deep neural networks to study all-particle energy spectrum of cosmic ray using of LHAASO-WCDA data	Rs.200,000/-			
	Department of Physics						
49.	Dr. Mahmood-ul- Hassan	Professor	Binary Darboux transformation for certain discrete nonlinear systems	Rs.300,000/-			
50.	Dr. Munazza Zulfiqar Ali	Professor	Exploration of Linear and Nonlinear Properties of Plasmonic Systems based on Hyperbolic Metamaterials	Rs.300,000/-			
51.	Dr. Mahmood ul Hassan	Associate Professor	Synthesis , Characterization and Computational Study of Double Perovskites for Thermoelectric Applications	Rs.250,000/-			
52.	Dr. Ramoona Shehzadi	Associate Professor	Calibration of Energy Scale of WCDA and WFCTA arrays using Cosmic Ray Moon Shadow	Rs.250,000/-			
53.	Dr. Saman Iqbal	Assistant Professor	A high safety, flame retardant, cellulose-based separator with advanced encapsulation structure for batteries	Rs.200,000/-			
54.	Dr. Fauzia Iqbal	Assistant Professor	3D printing of inorganic sulfide basedsolid electrolyte via DLP for Li-ion batteries	Rs.200,000/-			
55.	Dr. Faryal Idrees	Assistant Professor	Co3 O4 - g- C3 N4 Heterostructures Synthesis and Optimization for Biosensing and Photocatalytic Applications	Rs.200,000/-			
56.	Dr. Attia Falk	Assistant Professor	Metal Molybdates: Synthesis, Characterizations, and Application Potential	Rs.200,000/-			
57.	Dr. Farzana Majid	Assistant Professor	Zirconia Nanostructures: The Role of Organic Additives in Photocatalytic and Energy Storage Applications	Rs.200,000/-			
58.	Dr. Mohsin Saeed	Assistant Professor	Energy calibration of cosmic ray air shower using Cosmic ray Moon shadow for LHAASO experiment	Rs.200,000/-			
	College of Statistica			KS.200,000/-			
	College of Statistical Sciences Dr. Rehan Ahmad Performer Applications of Quantum Computing in Agriculture: Systematic Review						
59.	Khan Sherwani	Professor	and Meta-Analysis	Rs.300,000/-			
60.	Dr. Muhammad Moshin	Professor (TTS)	Quantifying rain and concentration of major ions in acid rain data using multivariate probabilistic approach	Rs.300,000/-			
61.	Dr. Hafiz Muhammad Tahir	Associate Professor	on the bayesian Estimation Strategy for Multi-Component Time-to-Failure Mixture Distribution using Doubly Censoring Sampling Scheme	Rs.250,000/-			
	Mathematics						
62.	Dr. Muhammad	Professor	Decision making methods based on spherical fuzzy rough numbers	Rs.300,000/-			
63.	Akram Dr. Ghazala Akram	Professor	Formation of optical solitons for the nonlinear pertubed Gerdjikov-Ivanov equation with constant and variable coefficients	Rs.300,000/-			
64.	Dr. Nauman Raza	Professor	A plethora of new solitary wave solutions using analytical techniques	Rs.300,000/-			
		Associate	Cubic fuzzy graphs with application in various domain	Rs.250,000/-			
65.	Dr. Uzma Ahmad	Professor		,			
65. 66.	Dr. Uzma Ahmad Dr. Muhammad Mobeen Munir	Professor Associate Professor	changes in spectral parameters due to an edge deletion in regular graphs	-			
66.	Dr. Muhammad Mobeen Munir Dr. Muhammad	Associate Professor Associate		Rs.250,000/-			
	Dr. Muhammad Mobeen Munir	Associate Professor Associate Professor Associate	Cosmic evolution and modified gravity Study of heat transfer optimization for MHD dusty fluid across stretching	Rs.250,000/- Rs.250,000/-			
66. 67.	Dr. Muhammad Mobeen Munir Dr. Muhammad Zaeem Ul Haq Bhatti	Associate Professor Associate Professor Associate Professor Associate	Cosmic evolution and modified gravity	Rs.250,000/- Rs.250,000/- Rs.250,000/-			
66. 67. 68.	Dr. Muhammad Mobeen Munir Dr. Muhammad Zaeem Ul Haq Bhatti Dr. Aziz Ullah Awan	Associate Professor Associate Professor Associate Professor Associate Professor Assistant	Cosmic evolution and modified gravity Study of heat transfer optimization for MHD dusty fluid across stretching sheet A study of relativistic complex manifolds Formation of optical solitons to the nonlinear generalized (3+1)-	Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.250,000/-			
66.67.68.69.	Dr. Muhammad Mobeen Munir Dr. Muhammad Zaeem Ul Haq Bhatti Dr. Aziz Ullah Awan Dr. Zeeshan Yousaf	Associate Professor Associate Professor Associate Professor Associate Professor Assistant Professor Assistant	Cosmic evolution and modified gravity Study of heat transfer optimization for MHD dusty fluid across stretching sheet A study of relativistic complex manifolds	Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.200,000/-			
66.67.68.69.70.	Dr. Muhammad Mobeen Munir Dr. Muhammad Zaeem Ul Haq Bhatti Dr. Aziz Ullah Awan Dr. Zeeshan Yousaf Dr. Saima Arshad Dr. Daud Ahmad	Associate Professor Associate Professor Associate Professor Associate Professor Assistant Professor Assistant Professor	Cosmic evolution and modified gravity Study of heat transfer optimization for MHD dusty fluid across stretching sheet A study of relativistic complex manifolds Formation of optical solitons to the nonlinear generalized (3+1)-dimensional Sasa-Satsuma equation via analytical techniques	Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.200,000/-			
66.67.68.69.70.	Dr. Muhammad Mobeen Munir Dr. Muhammad Zaeem Ul Haq Bhatti Dr. Aziz Ullah Awan Dr. Zeeshan Yousaf Dr. Saima Arshad	Associate Professor Associate Professor Associate Professor Associate Professor Assistant Professor Assistant Professor	Cosmic evolution and modified gravity Study of heat transfer optimization for MHD dusty fluid across stretching sheet A study of relativistic complex manifolds Formation of optical solitons to the nonlinear generalized (3+1)-dimensional Sasa-Satsuma equation via analytical techniques Modified gravity: probing cosmic phenomena Nanocellulose/functionalized bentonite clay based multifunctional	Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.200,000/- Rs.200,000/-			
66.67.68.69.70.71.	Dr. Muhammad Mobeen Munir Dr. Muhammad Zaeem Ul Haq Bhatti Dr. Aziz Ullah Awan Dr. Zeeshan Yousaf Dr. Saima Arshad Dr. Daud Ahmad School of Chemistry	Associate Professor Associate Professor Associate Professor Associate Professor Assistant Professor Assistant Professor	Cosmic evolution and modified gravity Study of heat transfer optimization for MHD dusty fluid across stretching sheet A study of relativistic complex manifolds Formation of optical solitons to the nonlinear generalized (3+1)- dimensional Sasa-Satsuma equation via analytical techniques Modified gravity: probing cosmic phenomena Nanocellulose/functionalized bentonite clay based multifunctional hydrogels for healthcare applications	Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.200,000/- Rs.200,000/- Rs.200,000/-			
66. 67. 68. 69. 70. 71. 72.	Dr. Muhammad Mobeen Munir Dr. Muhammad Zaeem Ul Haq Bhatti Dr. Aziz Ullah Awan Dr. Zeeshan Yousaf Dr. Saima Arshad Dr. Daud Ahmad School of Chemistry Dr. Atif Islam	Associate Professor Associate Professor Associate Professor Associate Professor Assistant Professor 7 Professor	Cosmic evolution and modified gravity Study of heat transfer optimization for MHD dusty fluid across stretching sheet A study of relativistic complex manifolds Formation of optical solitons to the nonlinear generalized (3+1)-dimensional Sasa-Satsuma equation via analytical techniques Modified gravity: probing cosmic phenomena Nanocellulose/functionalized bentonite clay based multifunctional hydrogels for healthcare applications Disposable electrochemical sensors for remote water quality monitoring Developing molecular imprinted electrochemical sensors for non-invasive	Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.200,000/- Rs.200,000/- Rs.300,000/- Rs.300,000/-			
66. 67. 68. 69. 70. 71. 72. 73.	Dr. Muhammad Mobeen Munir Dr. Muhammad Zaeem Ul Haq Bhatti Dr. Aziz Ullah Awan Dr. Zeeshan Yousaf Dr. Saima Arshad Dr. Daud Ahmad School of Chemistry Dr. Atif Islam Dr. Adeel Afzal Dr. Adnan Mujahid Dr. Syeda Nayab	Associate Professor Associate Professor Associate Professor Associate Professor Assistant Professor 7 Professor Professor	Cosmic evolution and modified gravity Study of heat transfer optimization for MHD dusty fluid across stretching sheet A study of relativistic complex manifolds Formation of optical solitons to the nonlinear generalized (3+1)-dimensional Sasa-Satsuma equation via analytical techniques Modified gravity: probing cosmic phenomena Nanocellulose/functionalized bentonite clay based multifunctional hydrogels for healthcare applications Disposable electrochemical sensors for remote water quality monitoring Developing molecular imprinted electrochemical sensors for non-invasive detection of biomarkers in complex biological fluids Deploymerization of pet via chemical degradation methods and study of	Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.200,000/- Rs.200,000/- Rs.300,000/- Rs.300,000/-			
66. 67. 68. 69. 70. 71. 72. 73. 74.	Dr. Muhammad Mobeen Munir Dr. Muhammad Zaeem Ul Haq Bhatti Dr. Aziz Ullah Awan Dr. Zeeshan Yousaf Dr. Saima Arshad Dr. Daud Ahmad School of Chemistry Dr. Atif Islam Dr. Adeel Afzal Dr. Adeel Afzal Dr. Adnan Mujahid Dr. Syeda Nayab Batool Rizvi Dr. Zaib-Un-Nisa	Associate Professor Associate Professor Associate Professor Associate Professor Assistant Professor 7 Professor Professor Professor Professor	Cosmic evolution and modified gravity Study of heat transfer optimization for MHD dusty fluid across stretching sheet A study of relativistic complex manifolds Formation of optical solitons to the nonlinear generalized (3+1)- dimensional Sasa-Satsuma equation via analytical techniques Modified gravity: probing cosmic phenomena Nanocellulose/functionalized bentonite clay based multifunctional hydrogels for healthcare applications Disposable electrochemical sensors for remote water quality monitoring Developing molecular imprinted electrochemical sensors for non-invasive detection of biomarkers in complex biological fluids Deploymerization of pet via chemical degradation methods and study of influence of reaction parameters Green synthesis of Bio-nanocomposite Plastic films incorporating metal	Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.200,000/- Rs.200,000/- Rs.300,000/- Rs.300,000/- Rs.300,000/- Rs.300,000/-			
66. 67. 68. 69. 70. 71. 72. 73. 74. 75.	Dr. Muhammad Mobeen Munir Dr. Muhammad Zaeem Ul Haq Bhatti Dr. Aziz Ullah Awan Dr. Zeeshan Yousaf Dr. Saima Arshad Dr. Daud Ahmad School of Chemistry Dr. Atif Islam Dr. Adeel Afzal Dr. Adnan Mujahid Dr. Syeda Nayab Batool Rizvi	Associate Professor Associate Professor Associate Professor Associate Professor Assistant Professor Professor Professor Professor Professor Professor Professor Professor	Cosmic evolution and modified gravity Study of heat transfer optimization for MHD dusty fluid across stretching sheet A study of relativistic complex manifolds Formation of optical solitons to the nonlinear generalized (3+1)-dimensional Sasa-Satsuma equation via analytical techniques Modified gravity: probing cosmic phenomena Nanocellulose/functionalized bentonite clay based multifunctional hydrogels for healthcare applications Disposable electrochemical sensors for remote water quality monitoring Developing molecular imprinted electrochemical sensors for non-invasive detection of biomarkers in complex biological fluids Deploymerization of pet via chemical degradation methods and study of influence of reaction parameters Green synthesis of Bio-nanocomposite Plastic films incorporating metal oxide nanoparticles Green synthesis of zinc oxide nanoparticles using garlic (Allium sativum)	Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.200,000/- Rs.200,000/- Rs.300,000/- Rs.300,000/- Rs.300,000/- Rs.300,000/-			
66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76.	Dr. Muhammad Mobeen Munir Dr. Muhammad Zaeem Ul Haq Bhatti Dr. Aziz Ullah Awan Dr. Zeeshan Yousaf Dr. Saima Arshad Dr. Daud Ahmad School of Chemistry Dr. Atif Islam Dr. Adeel Afzal Dr. Adeel Afzal Dr. Adnan Mujahid Dr. Syeda Nayab Batool Rizvi Dr. Zaib-Un-Nisa Hussain	Associate Professor Associate Professor Associate Professor Associate Professor Assistant Professor Professor Professor Professor Professor Professor Professor	Cosmic evolution and modified gravity Study of heat transfer optimization for MHD dusty fluid across stretching sheet A study of relativistic complex manifolds Formation of optical solitons to the nonlinear generalized (3+1)-dimensional Sasa-Satsuma equation via analytical techniques Modified gravity: probing cosmic phenomena Nanocellulose/functionalized bentonite clay based multifunctional hydrogels for healthcare applications Disposable electrochemical sensors for remote water quality monitoring Developing molecular imprinted electrochemical sensors for non-invasive detection of biomarkers in complex biological fluids Deploymerization of pet via chemical degradation methods and study of influence of reaction parameters Green synthesis of Bio-nanocomposite Plastic films incorporating metal oxide nanoparticles	Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.250,000/- Rs.200,000/- Rs.200,000/- Rs.300,000/- Rs.300,000/- Rs.300,000/- Rs.300,000/- Rs.300,000/- Rs.250,000/- Rs.250,000/-			

80.	Dr. Amara Dar	Assistant Professor	Biochar based polymeric membrane for the removal of dyes from industrial wastewater	Rs.200,000/-
	Department of Space	e Science		
81.	Dr. Muhammad Yaseen	Assistant Professor	Characterization of Coseismic landslides using optical and SAR remote sensing data	Rs.200,000/-
82.	Dr. Muhammad Athar Javaid	Assistant Professor	Integrating discrete differential geometry with deep learning for enhanced 3D geometry processing	Rs.200,000/-
		(Adhoc)	FACULTY OF GEO-SCIENCES	
	Center for Geograp	hical Informa		
	Dr. Muhammad	Assistant		
83.	Hamid Chaudhry	Professor	Impact of camera angel on Topographic details in UAV data	Rs.200,000/-
	College of Earth &	Environmenta		
84.	Dr. Irfan Ahmad Shaikh	Professor	Investigation of using water from Non-Conventional Resources in Textile Dyeing Processes	Rs.300,000/-
85.	Dr. Yumna Sadef	Professor	Assessment of Heavy metal and Associated Health Risks of dust Release from E-Waste Management Sites, in Lahore, Pakistan	Rs.300,000/-
86.	Dr. Nadia Jamil	Professor	Elimination of Selected dyes from Textile Effluents by the Use of Nanoparticles	Rs.300,000/-
87.	Dr. Naeem Akhtar Abbasi	Assistant Professor,	Assissing the Current Population Status of different Water Birds in Pakistan and Key Factors Influencing their Population	Rs.200,000/-
88.	Dr. Waheed Ullah Khan	Assistant Professor (Adhoc)	Potential of Plant Growth Regulator for Mitigation of Microplastics Stress in <i>Abelmoschus Esculentus</i>	Rs.200,000/-
89.	Dr. Nayab Alam	Assistant Professor (Adhoc)	Wastershed characterization and Morphometric Analysis of Watersheds in Semi-Arid Region of Potohar, Pakistan using RS & GIS Approach	Rs.200,000/-
90.	Muhammad Dastgeer	Lecturer	Assessment of Ecotourism Potential in Soon Valley (Pakistan) with Community Participation Approach	Rs.200,000/-
	Geography			
91.	Dr. Muhammad Nasar-u-Min Allah	Associate Professor	Determinants of Urban Warming and Ecological Footprints of Lahore: A Study Towards a Resilient and Sustainable Future	Rs.250,000/-
	Geology			
92.	Dr. Kamran Mirza	Professor	Geochemical evaluation of Bauxite deposits in Hayatulmir Kalial section, Central Salt Range, Pakistan	Rs.300,000/-
93.	Dr. Mian Sohail Akram	Professor	Geological studies and numerical evaluation of natural and cut slopes at Bansra Gali to Murree Road, Pakistan	Rs.300,000/-
94.	Dr. Saif ur Rehman	Associate Professor	Dolomitization mechanism in Late Cretaceous Kawagarh Formation, Atock Hazara Fold and Thrust Belt	Rs.250,000/-
95.	Dr. Muhammad Armaghan Faisal Miraj	Assistant Professor	An analogue modeling approach to unveil the structural evolution of Hazara Basin, NW-Himalayas Pakistan	Rs.200,000/-
96.	Dr. Muhammad Jawad Munawar	Assistant Professor	Mineralogy and Petrography of minor volcanic bodies, in central kohistan Island ARC (KIA) Gilgit Baltistan	Rs.200,000/-
97.	Dr. Muhammad Sanaullah	Assistant Professor	Geological road log mapping and hydro-geochemical investigaitons along the CPEC route M-14 (Hakla-Fateh Jang Section)	Rs.200,000/-
98.	Dr. Nosheen Akhter	Assistant Professor	Delineation of the depocenter of Hazara Basin by incorporating basin modeling	Rs.200,000/-
99.	Dr. Abid Ali	Assistant Professor	Seimic hazard assessment of easter sulaiman and fold and thrust best, Central Indus Basin, Pakistan	Rs.200,000/-
100.	Dr. Salman Farooq	Assistant Professor	Landslide studies and susceptibility assessment of Murree area	Rs.200,000/-
101.	Mr. Shahid Ali	Lecturer	Virtual exploration of permo-Triassic Carbonate Facies: A surface outcrop to 3D Modelling approach in Chhidru and Mianwali Formation, Salt Range, Pakistan	Rs.200,000/-
	Center for Integrated Mountain Research (CIMR)			
102.	Engr. Dr. Muhammad Yaseen	Assistant Professor,	Appraisal of Recent Mountain Hydrology and Its Implication on Hazards Under Changing Climate in Mountainous Catchments of Upper Indus Basin Pakistan	Rs.200,000/-
103.	Dr. Muhammad Asif Javed	Assistant Professor (Adhoc)	Assessing Groundwater Fluctuations in Metropolitan Areas of Punajb Province using Advanced Remote Sensing Datasets and Techniques	Rs.200,000/-
			FACULTY OF LIFE SCIENCES	
	Center for Applied	Molecular Bio	ology	
104.	Dr. Rehan Sadiq Shaikh	Professor	Pharmacogentics analysis of genes associated with the metabolism of neuropathic drugs	Rs.300,000/-

105.	Dr. Samreen Anjum	Assistant Professor (TTS)	Enhancing sustainability by improving plant salt tolerance through different biostimulants in Pea (Psium sativum L.)	Rs.200,000
	School of Biochemi	stry & Biotecl	hnology	
106.	Dr. Saba Irshad	Professor	Molecular Mapping of Congenital Hypogonadotropic Hypogonadism (CHH) in Pakistani Kindred's	Rs.300,000
107.	Dr. Asma Irshad	Assistant Professor	Idarubicin Conjugated Magnesium Oxide Nanocomposite as a Nanocarrier for Cancer Treatment	Rs.198,407
	Centre of Excellence	e in Molecula	r Biology (CEMB)	
108.	Dr. Muhammad Idrees	Professor	Development of real time PCR based kits for the diagnosis and serotyping of dengue virus	Rs.300,000
			FACULTY OF ISLAMIC STUDIES	
	Institute of Islamic	Studies		
109.	Dr. Hafiz Muhammad Abdul Qayyum	Professor	مطالعہ مذاہب کا اسلامی و مغربی منہاج	Rs.300,000
			FACULTY OF PHARMACY	
	Punjab University	College of Pha	nrmacy	
110.	Dr. Amjad Hussain	Professor	Enhancing pulmonary delivery through Dry Powder Inhalers using device modification and particle size engineering	Rs.300,000
111.	Dr. Alamgeer	Associate Professor	Unraveling the Therapeutic Potential of Phenolic Acids Derivatives in Cardiovascular Disorders: Insights and Innovations	Rs.250,000
			FACULTY OF ORIENTAL LEARNING	
	Institute of Languag		tics	
112.	Dr. Maria Isabel Maldonado Garcia	Associate Professor	Reduplication forms and functions in Pakistani English	Rs.250,000
113.	Dr. Ekaterina Gavriskypk	Assistant Professor	Research on teaching Russian Language alphabet at Initial Stage of Learning Russian Language for Pakistani Students	Rs.200,000
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